

065	403/VE1	Verification Specification	25 copies each specification	PDR/IDR -2 weeks	3.6, 3.7	
066	404/VE1	Procedure for Control of Unscheduled Activities During Verification	200 copies	1 wk prior to CDR	3.6, 3.7	
067	405/VE3	ECS System Integration & Test Report	200 copies	CSR -2 weeks(P), RRR -2weeks(F)	3.6.1	
069	409/VE1	ECS Overall Sys Acceptance Test Plan	25 copies	SDR - 2weeks	3.2.2.4, 3.6.2	
070	411/VE1	ECS Overall System Acceptance Test Procedures	200 copies	3 months prior to RRR	3.6.2	
071	412/VE2	ECS Overall System Acceptance Test Report	200 copies	RRR-2weeks <u>RRR + 1 month</u>	3.6.1, 3.6.2	
072	413/VE3	Discrepancy Reports	25 copies each report	Monthly starting after first release	3.6.2	
073	414/VE1	ECS Sys Integration & Test Procedures	200 copies	3 months prior to RRR	3.6.1	
074	415/VE1	Acceptance Testing Management Plan	25 copies each report	2 weeks prior to PMR (P); 2 weeks prior to SDR	3.6.2	
076	501/PA1	Performance Assurance Implementation Plan (PAIP)	200 copies	2 weeks prior to SDR	3.7, 3.7.1, 3.7.3, 3.8.1.5	
077	502/PA3	Contractor's Practices & Procedures Referenced in the PAIP	25 copies	2 weeks prior to SDR	3.7, 3.7.1	CH07
078	503/PA3	Performance Assurance Status Report	25 copies	monthly	3.7, 3.7.1, 3.7.2	
079	504/PA1	Data on Previously Designed H/W & S/W	25 copies	2 weeks prior to each CDR	3.7, 3.7.1	CH14

1. NUMBER 412/VE2	DATA ITEM DESCRIPTION	2. QUANTITY 200 copies
3. TITLE ECS System Acceptance Test Report		4. DATE December 21, 1990
<p>5. DESCRIPTION</p> <p>Documents results of the formal acceptance of the system. Contains a test log recording the exact history of the testing. Contains the name and number of all tests and the results of each test. Describes in detail any deviations from the test procedures and provides a detailed test history. Contains an overall analysis (test evaluation) of the functional capabilities of the system as demonstrated by the test. Includes any deficiencies, limitations, or constraints inherent in the subsystem that was detected during testing.</p> <p>Documents the results of the formal acceptance testing of the system. This test report contains qualitative and quantitative summaries of the testing, including test identification, names, and results of the test. It also contains an overall analysis (test evaluation) of the functional capabilities of the system as demonstrated by the test and includes any deficiencies, limitations, or constraints inherent in the subsystem that was detected during testing at the completion of the ECS acceptance test program.</p> <p>The test report shall adequately summarize the results of verification tests and shall be prepared in such a manner that relates the test results to the verification requirements for each item under test. As a minimum, the following shall be included in the report:</p> <ul style="list-style-type: none"> a. Test Identification. Identify the specific test as shown on the test procedure <u>and a pass/fail assessment.</u> b. References. Applicable System Test Plan and Test Procedures. c. Test Results to Include: <ul style="list-style-type: none"> 1) Identification of those planned objectives and for which actual test results were identical with the expected results; <u>and those which</u> were within specified tolerance. For the latter case, actual test results shall be shown <u>summarized</u>; 2) Identification of those planned objectives for which actual test results differ from expected results beyond specific limits; 3) Identification of any planned test objective for which actual results were not obtained. Reasons for not fulfilling such objectives shall be stated; 4) Identification of any false or aberrant behavior noted during the test or subsequent analysis. Note that any such behavior that can prevent the system from accomplishing its mission objectives can be a basis for rejection. 		
<p>6. FORMAT</p> <p>As required by Specification for Document Formats, 500-TIP-2110. Alternative format specifications require government review and approval.</p>		
<p>7. DELIVERY</p> <p>Approved processing tools; Approved electronic media.</p>		
8. TYPE Document	9. SOW REFERENCE 3.6.1, 3.6.2	

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5. DESCRIPTION (cont'd)		
<p>5) For each hardware test, the report shall contain as a minimum the information described in paragraph 3.1.5 Figure 3-1 of the ECS PAR.</p> <p>6) <u>Identification of requirements not tested or not verified and the rationale for not testing a requirement.</u></p> <p>d. Recommendations. Recommendations for subsequent action shall be stated, based on the test results, and may include:</p> <ul style="list-style-type: none"> 1) Redesign of a particular component or computer program to enable the system to meet a specific requirement which was not fulfilled. 2) Revision to a Development Specification or the System Specification in cases where the test results disclose ambiguity or conflicting requirements. 3) Conducting additional tests to fulfill objectives for which results were not accepted. <p>e. Test Plan and Procedure Changes. Any deviations from the approved test plans/procedures that were followed during official conduct of the test shall be <u>noted</u>, documented as revision pages to the affected documents and shall be appended to the report. Acceptance of the report shall also constitute acceptance of the appended changes.</p>		
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